

ARGONNE NATIONAL LABORATORY

INTRA-LABORATORY MEMO

PSS Gen 3 Meeting Minutes 02/04/04

Present: Emerson, Friedman, Forrestal, Ross, Servino, Boron, Nguyen, McNamara, Fagan, Hawkins, Belcher.

Absent: Carwardine

The group was polled to determine if anyone was having problems completing their tasks or did not currently have what they needed to complete the tasks. All agreed they had what they needed and were more or less on schedule.

Steve Ross forecasted that FERDP drawings would be available for review on Tuesday am, Feb 10th. Group can view them at 9AM in Paul Choi's conference room on the ground floor.

New Business:

John Carwardine e-mailed Roy to express concern for plan to locate hardware cabinets on hutch roofs for safety issues. 30ID is currently problematic in that regard, as no wall space was left for mounting PSS cabinets. Roy brought up the fact that station roofs are inherently undesirable due to poor access (needing ladder to access or scissor lift), lack of railings, presence of wiring trays and labyrinths. Roy suggested mounting our hardware on Yellow Mezzanine boundary railing like the Water group does.

Some discussion followed.

Flexibility would be added in implementing this plan – the cabinet could be sized according to user need. Retrofits would potentially be easier since cabinet wiring could all be done on Mezzanine in run time and the final terminations would be the only work to be completed in shutdowns. Questions were asked about needing permission to relocate PSS I/O to rail mounted cabinets. Bill Weslowski and Bob Whitman would need to be part of the loop for permissions.

Phil brought up some concerns regarding troubleshooting of system from floor components to PLC blocks on mezzanine – ladders are not plentiful and the time spent walking up and down to where then nearest ladder is located would be an issue. There would be a voltage drop between end stations and mezzanine hardware requiring different wire size.

John Servino pointed out that retrofits of 15Us could be done by better utilizing space currently existing (more square footage in the end) if the wire were not run around the side of the cabinet and then into the bottom when it could simply enter cabinet at top and the side space taken by the 4x4 could be used for hardware.

The group agreed that Mohan should comply with accepted practice of having cabinets on walls of stations. All beamlines will comply with accepted past practice for mounting locations of the 16-U panels. Roy and Phil to speak with Mohan.

Meeting adjourned. Special thanks go to Anne Boron for taking the minutes of today's meeting.